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The Plague in India,

1896, 1897

VOL. IV.

Maps and Charts

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College of Physicians and Surgeons

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GOVERNMENT OF INDIA.
HOME DEPARTMENT.

THE PLAGUE IN INDIA,

1896, 1897.

COMPILED BY R. NATHAN,
INDIAN CIVIL SERVICE.

Vol. IV.

MAPS AND CHARTS.

CALCUTTA:
OFFICE OF THE SUPERINTENDENT, GOVERNMENT PRINTING, INDIA.
1898.

CALCUTTA:
SUPERINTENDENT OF GOVERNMENT PRINTING, INDIA,
8, HASTINGS STREET.

SEP 19 1944

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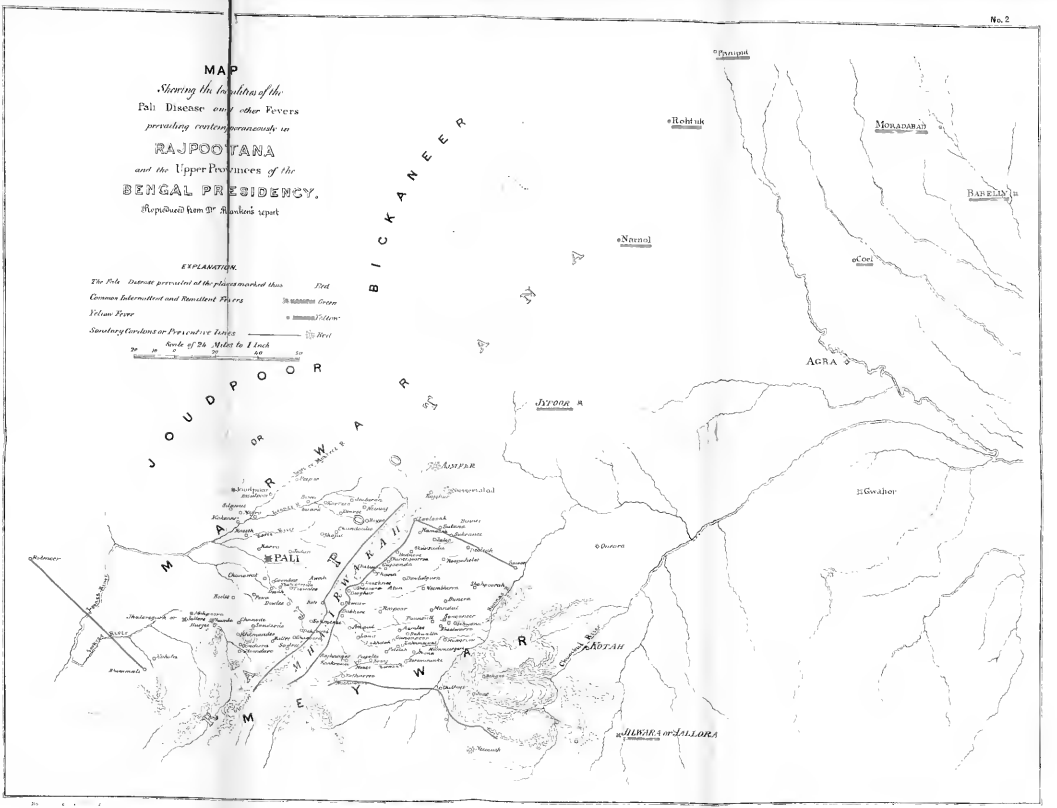
No. 2
MAP
Shewing the localities of the
Pali Disease and other Fevers
prevailing contemporaneously in
RAJPOOTANA
and the Upper Provinces of the
BENGAL PRESIDENCY.
Reproduced from Mr Rankin's report
EXPLANATION.
The Pali Disease prevailed at the places marked thus Red
Common Intermittent and Remittent Fevers Green
Yellow Fever Yellow
Sanitary Cordons or Preventive Lines Red
Scale of 24 Miles to 1 Inch
20 10 0 20 40 60
JOUDPOOR
BICKANEER
MARWARA
MEYWAR
MHEYWARAH
Pyaupat
Rohtuk
Narnol
Moradabad
Bareilly
Cori
Agra
Jypoor
Amfer
Gwalior
Pali
Kotah
Jilwara or Jallora
Ajmer
Nasirabad
Chambal River
Lunpah River
Sumbhur River

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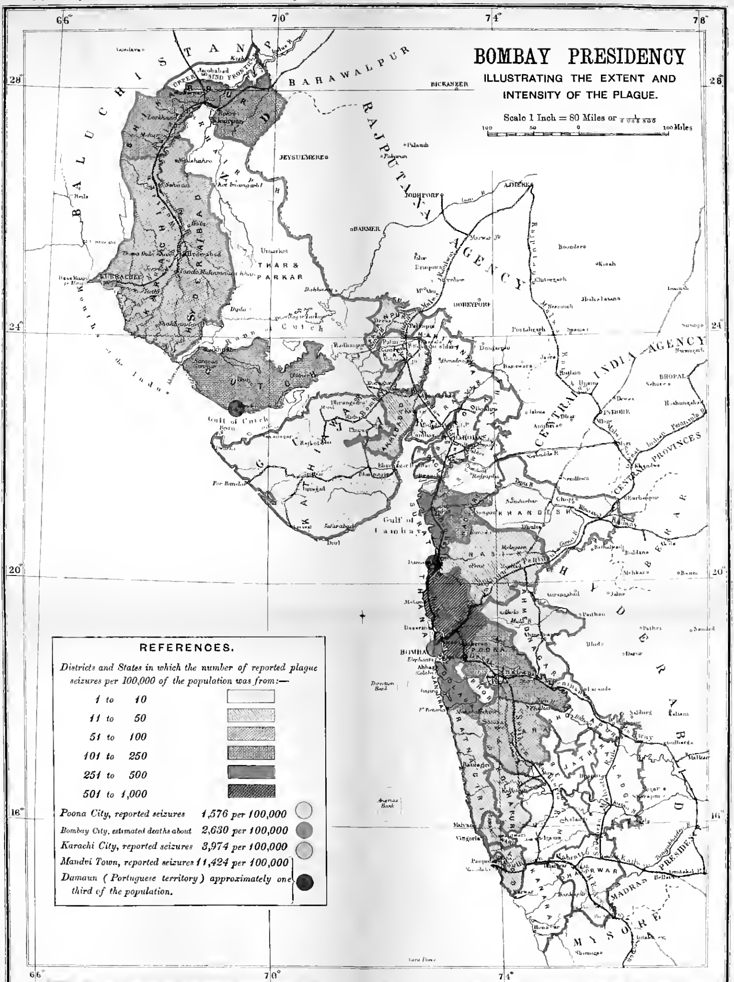
No. 3.



BOMBAY PRESIDENCY
ILLUSTRATING THE EXTENT AND INTENSITY OF THE PLAGUE.
Scale 1 Inch = 80 Miles
REFERENCES.
Districts and States in which the number of reported plague seizures per 100,000 of the population was from:—
1 to 10
11 to 50
51 to 100
101 to 250
251 to 500
501 to 1,000
Poona City, reported seizures 1,576 per 100,000
Bombay City, estimated deaths about 2,630 per 100,000
Karachi City, reported seizures 3,974 per 100,000
Mandvi Town, reported seizures 11,424 per 100,000
Damaun (Portuguese territory) approximately one third of the population.
BALUCHISTAN
BAHAWALPUR
RAJPUTANA AGENCY
CENTRAL INDIA AGENCY
CENTRAL PROVINCES
HYDERABAD
MYSORE
MADRAS PRESIDENCY
THAR & PARKAR
KHANDESH
POONA
BOMBAY
Gulf of Cutch
Gulf of Cambay
BICKANEER
JEYSULMERE
JODHPORE
AJMERE
BHOPAL
INDORE

No. 3.

No. 4.

Taken from the Engraved Map of India, Scale 1 Inch = 32 Miles

Published under the direction of Colonel M. R. Thuillier R.E. Surveyor-General of India
October 1894
Additions in Revenue up to 1894

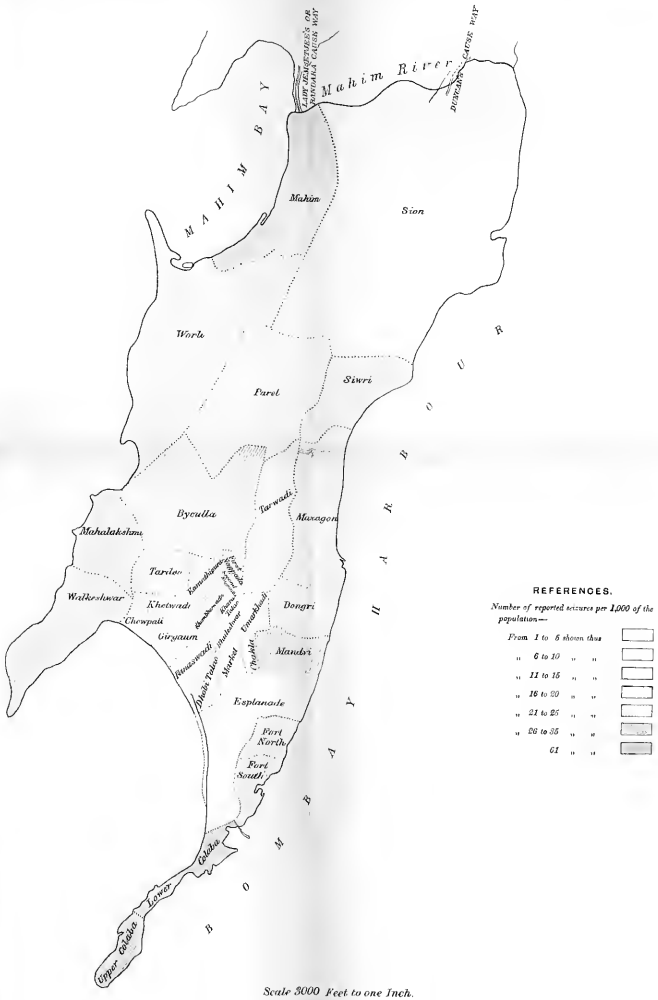
Price Uncoloured One Rupee Eight Annas
" Coloured One Rupee Twelve Annas

Reg. No. 803, Hammerdale, 18-10-1894.

Litho., S. I. O., Calcutta.

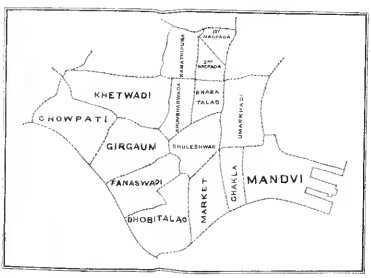
No. 6.

INCIDENCE OF PLAGUE IN DIFFERENT QUARTERS OF THE CITY OF BOMBAY.



Scale 3000 Feet to one Inch.

No. 6.



BOMBAY

Scale, 2 Inches to one Mile.

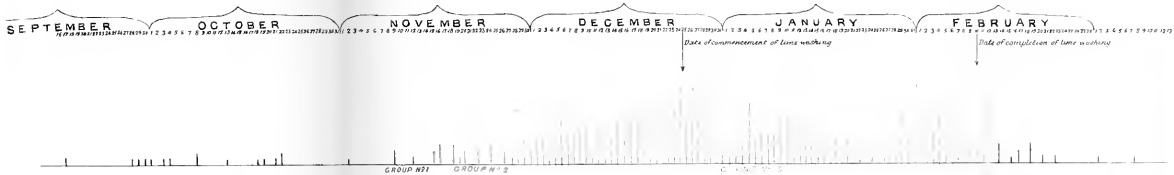
DISTRICTS INTO WHICH THE CITY WAS DIVIDED FOR PREVENTIVE & REMEDIAL OPERATIONS COLORED DIFFERENTLY & NUMBERED ACCORDING TO GENERAL GATACRE'S REPORT.

GOVT. HOSPITALS SHOWN THUS — ●
PRIVATE Dº Dº Dº — ▪

o. 7.

CHART SHEWING PROGRESS OF PLAGUE IN THE DISTRICT OF KAMATIPURA

Horizontal Scale 1 inch = 10 days.
Vertical D° D° = 10 deaths.



Note. *In the map and diagram cases in group one are shown in red.*
" " " " " " " " *two* " " " *yellow.*
" " " " " " " " *three* " " " *green.*

No. 8.

WORLI VILLAGE

MAP SHOWING GROUPS OF CASES.

SCALE 1 INCH = 100 FEET

No 9.

Note In the map and diagram cases in group one are shown in red
" " " " " " two " yellow
" " " " " " three " Green

No. 9.

SEWREE COLIWADA

No. 10

MAP SHOWING GROUPS OF CASES

SCALE 100 FEET = 1 INCH.

Note In the map and diagram cases in group one are shown in red.
" " " " " " " " two " " " yellow.
" " " " " " " " three " " " green.

DIAGRAM SHOWING DATES OF CASES

Horizontal Scale. 1 inch = 8 days.
Vertical D° D° = 8 deaths.

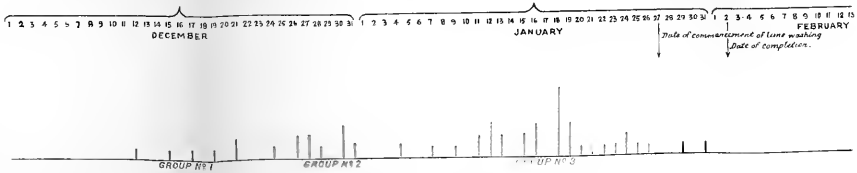


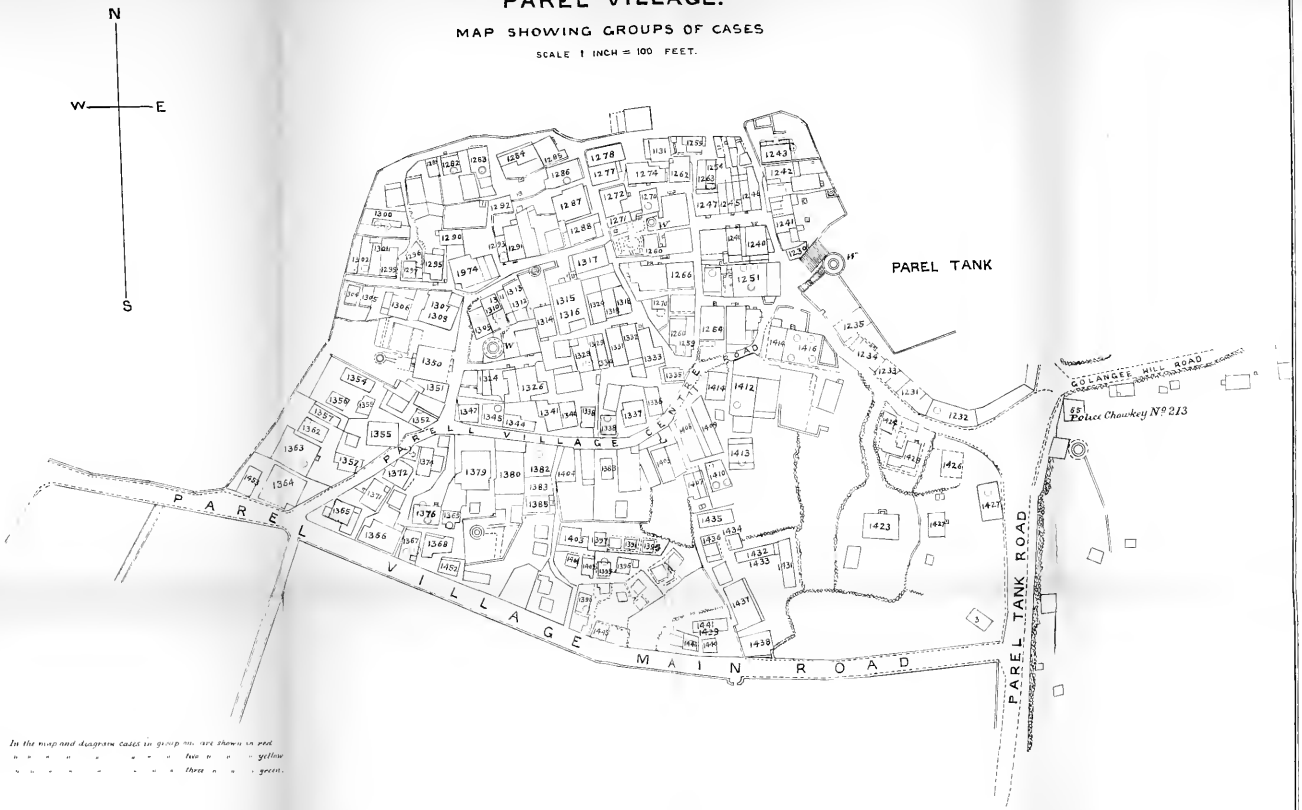
Photo., S. I. O., Calcutta.

No. 10.

PAREL VILLAGE.

MAP SHOWING GROUPS OF CASES

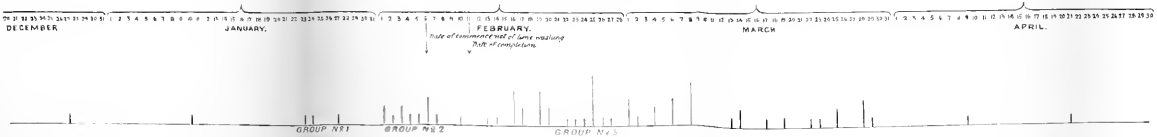
SCALE 1 INCH = 100 FEET.



Note In the map and diagram cases in group one are shown in red
" " " " " " " " two " " " yellow
" " " " " " " " three " " " green.

DIAGRAM SHOWING DATES OF CASES.

Horizontal Scale 1 inch = 8 days
Vertical Do Do = 8 deaths.



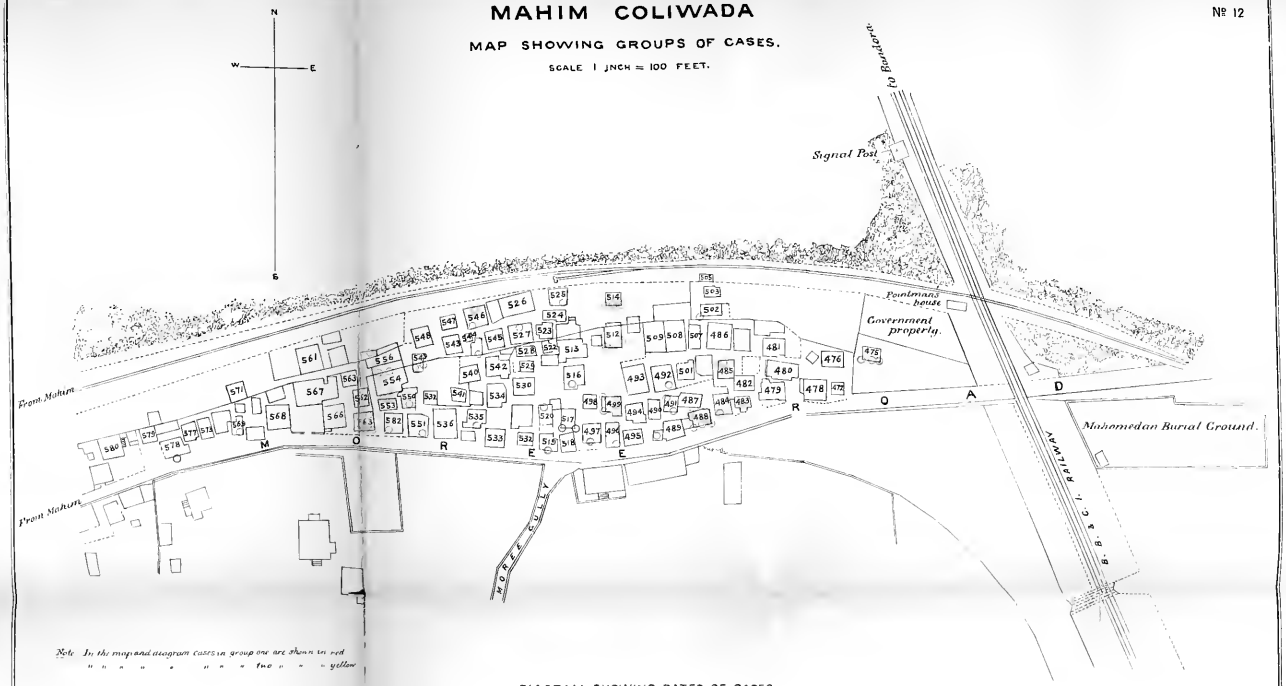
No. II.

MAHIM COLIWADA

MAP SHOWING GROUPS OF CASES.

SCALE 1 INCH = 100 FEET.

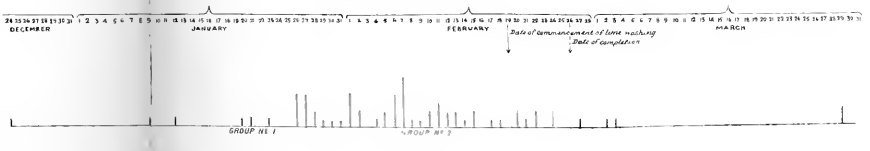
№ 12



Note In the map and diagram cases in group one are shown in red
" " " " " " " two " " " yellow

DIAGRAM SHOWING DATES OF CASES.

Horizontal Scale 1 inch = 8 days.
Vertical D° D° = 8 deaths.



Reg. No. 5[illegible] —Dec. 97—1,00.

Photo. S. I. O., Calcutta

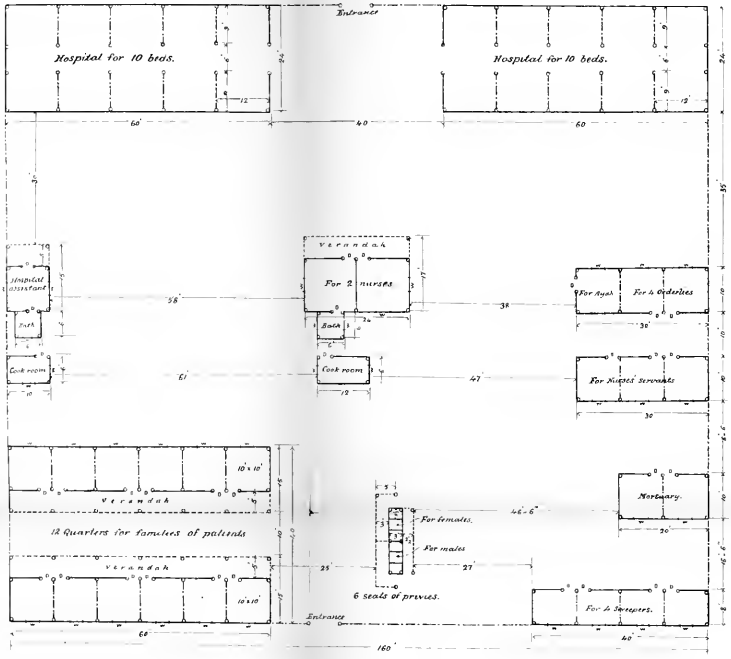
12.

TYPE DRAWING OF TEMPORARY HOSPITAL

as constructed throughout Bombay under the order of the Plague Committee.

Scale 16 feet to an inch.

REDUCED FROM THE DRAWING IN GENERAL GATACRE'S REPORT.



Section for Hospital

Section for Nurses quarters

Section for Orderlies & Servants Qrs

No. 13.

№ 14

HARDWAR AND NEIGHBOURHOOD.

Scale 2 inches = 1 mile.

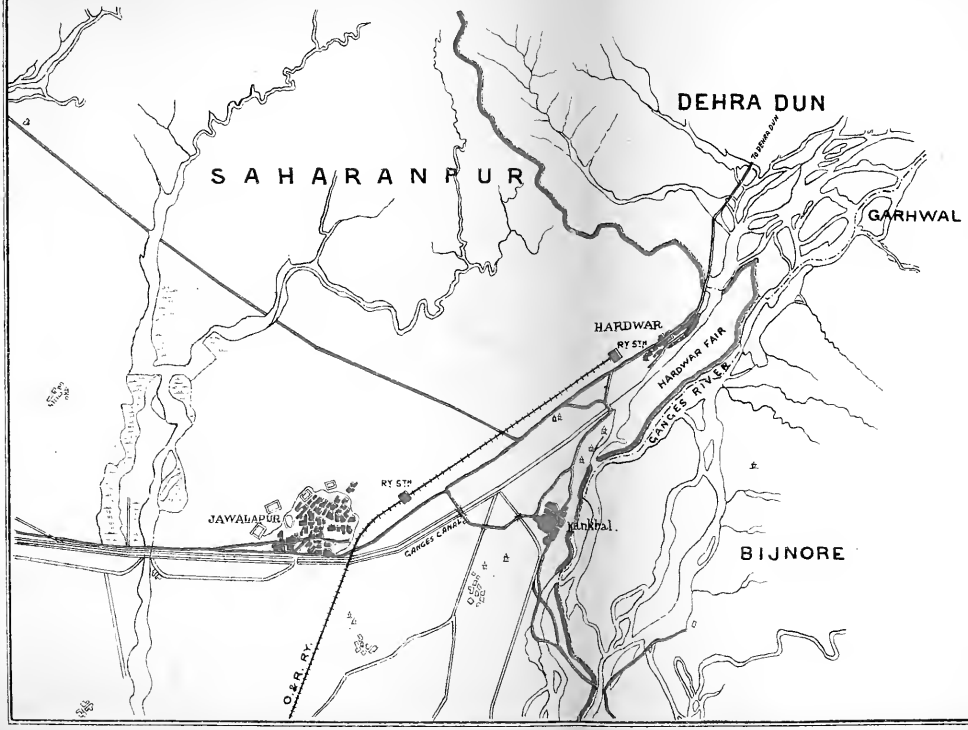
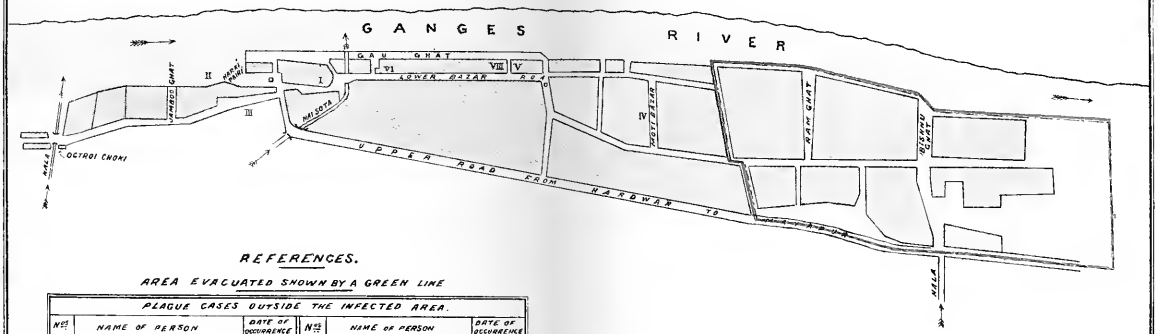


Photo. S. I. O., Calcutta.

No. 14.

№ 15

HARDWAR



REFERENCES.

AREA EVACUATED SHOWN BY A GREEN LINE

PLAGUE CASES OUTSIDE THE INFECTED AREA.

Nos.	NAME OF PERSON	DATE OF OCCURRENCE
I	Asa Ram	22nd April
II	Ram Kishen	15th May
III	Mussl. Sanju	17th May
IV	Kaudagar	18th May
V	Shama	23rd May
VI	Bhunga	27th May
VII	Toori Ram	27th May
	*(This man was found lying in the open in Lakha Rao – he had not occupied any house – not shown in this map.)	

Nos.	NAME OF PERSON	DATE OF OCCURRENCE
VIII	Tumna (died with symptoms of pleurisy – a doubtful case of plague).	30th May
IX	Uggar, Sadu (found on Jawalapur road – had slept some nights at Gokal's house near Gurghat)	1st June

Reg. No. 694, Home—Jan. 98—1,000

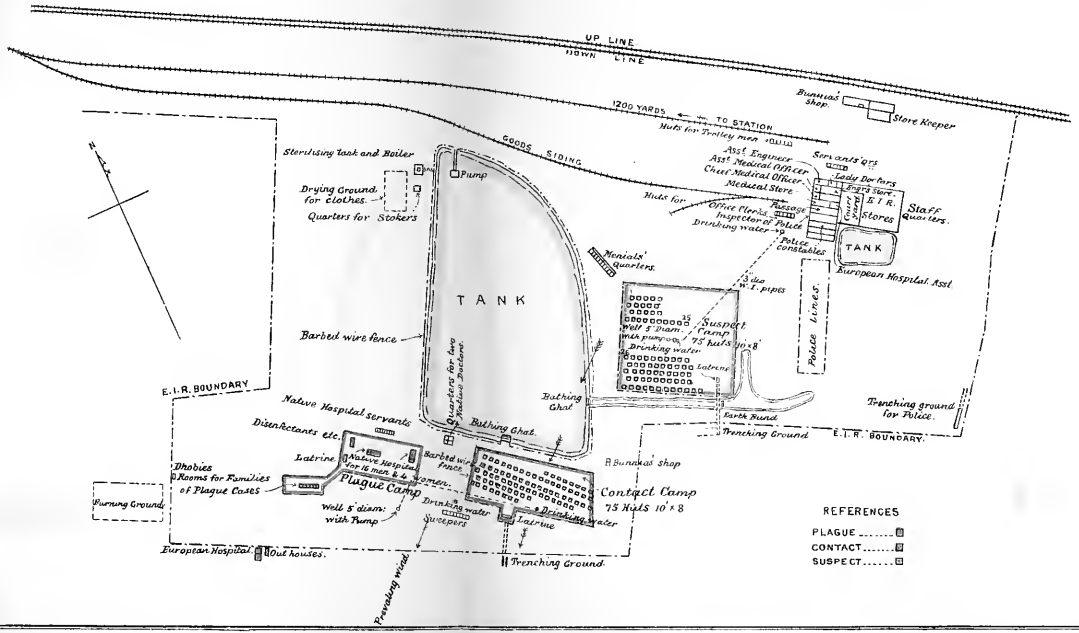
Photo., S. I. O., Calcutta

No. 15.

OBSERVATION CAMP

KHANA JUNCTION, EAST INDIAN RAILWAY, BENGAL.

SCALE, 300 FEET = 1 INCH.



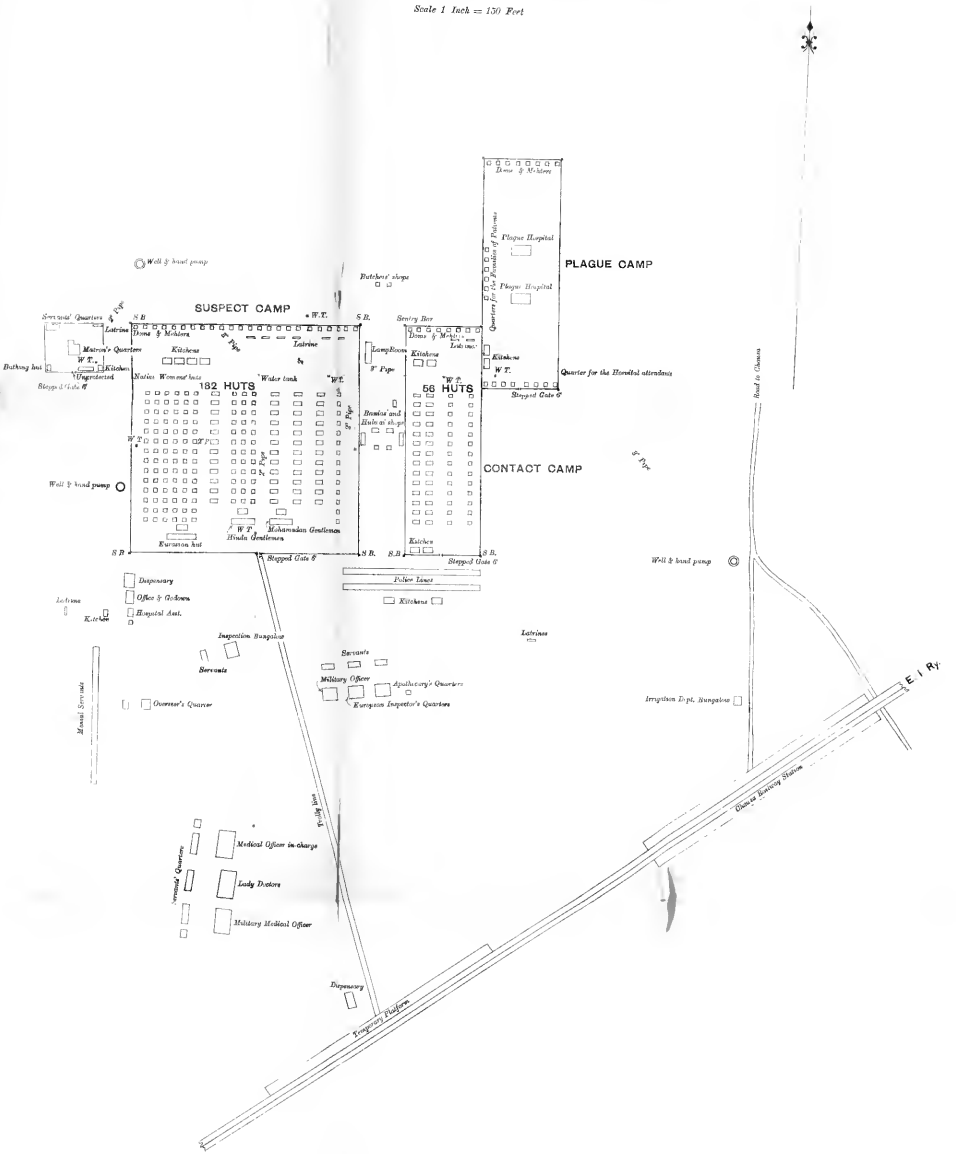
Reg. No. 204, Home.—Dec. 07.—1,100

Photo., S. I. O., Calcutta

No. 17.

CHAUSA OBSERVATION CAMP

Scale 1 Inch = 150 Feet



No. 17 A.

KHANPUR STATION

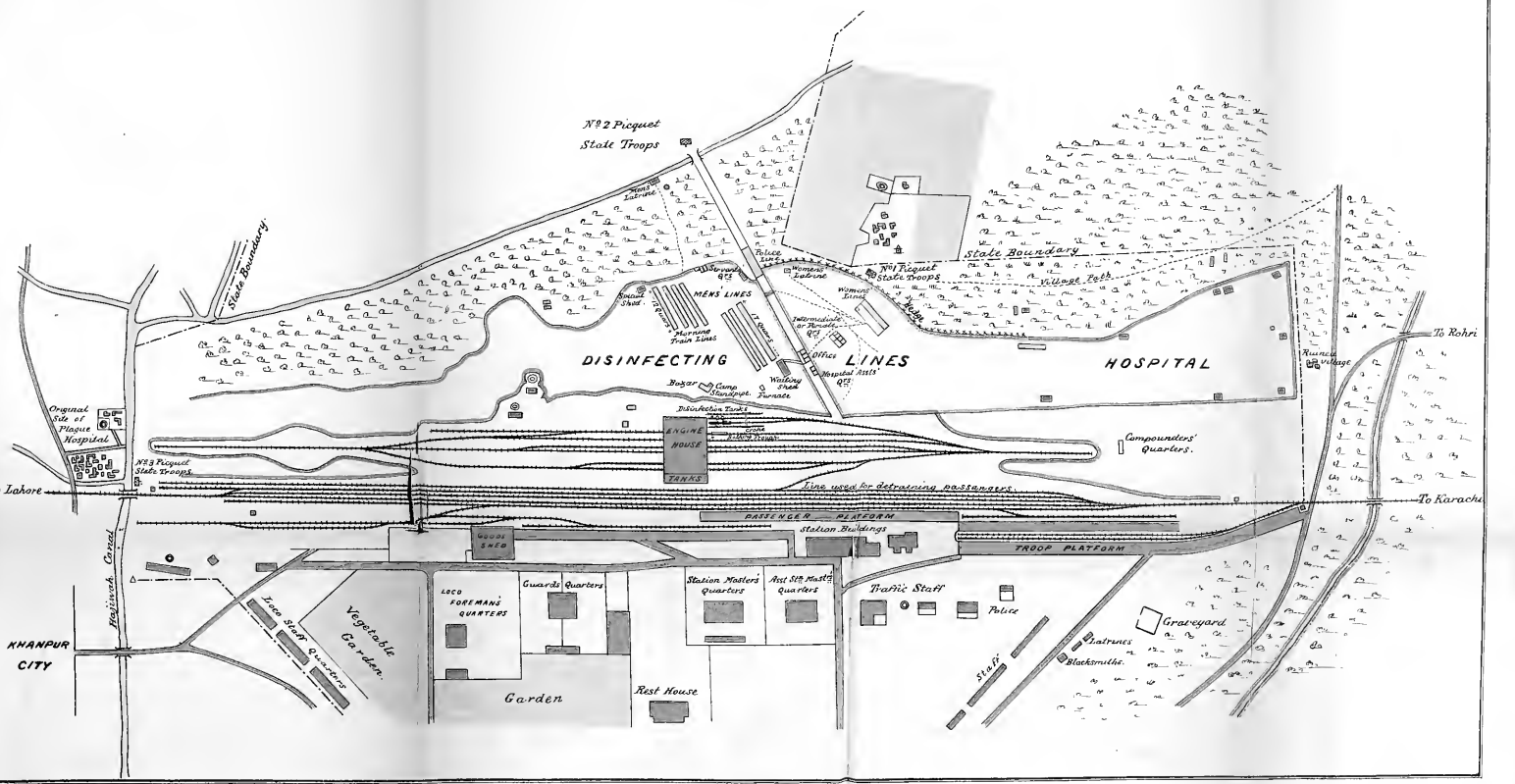
Showing

Disinfecting Lines and Hospital

Scale, 200 feet = 1 inch

REFERENCES

Masonry Buildings	Ash Banks
Sleeper Huts	Railway Lines
Tin Sheds	Roads
Mud Huts	Canals
Grass Huts	Cultivation
Earth Banks	Jungle



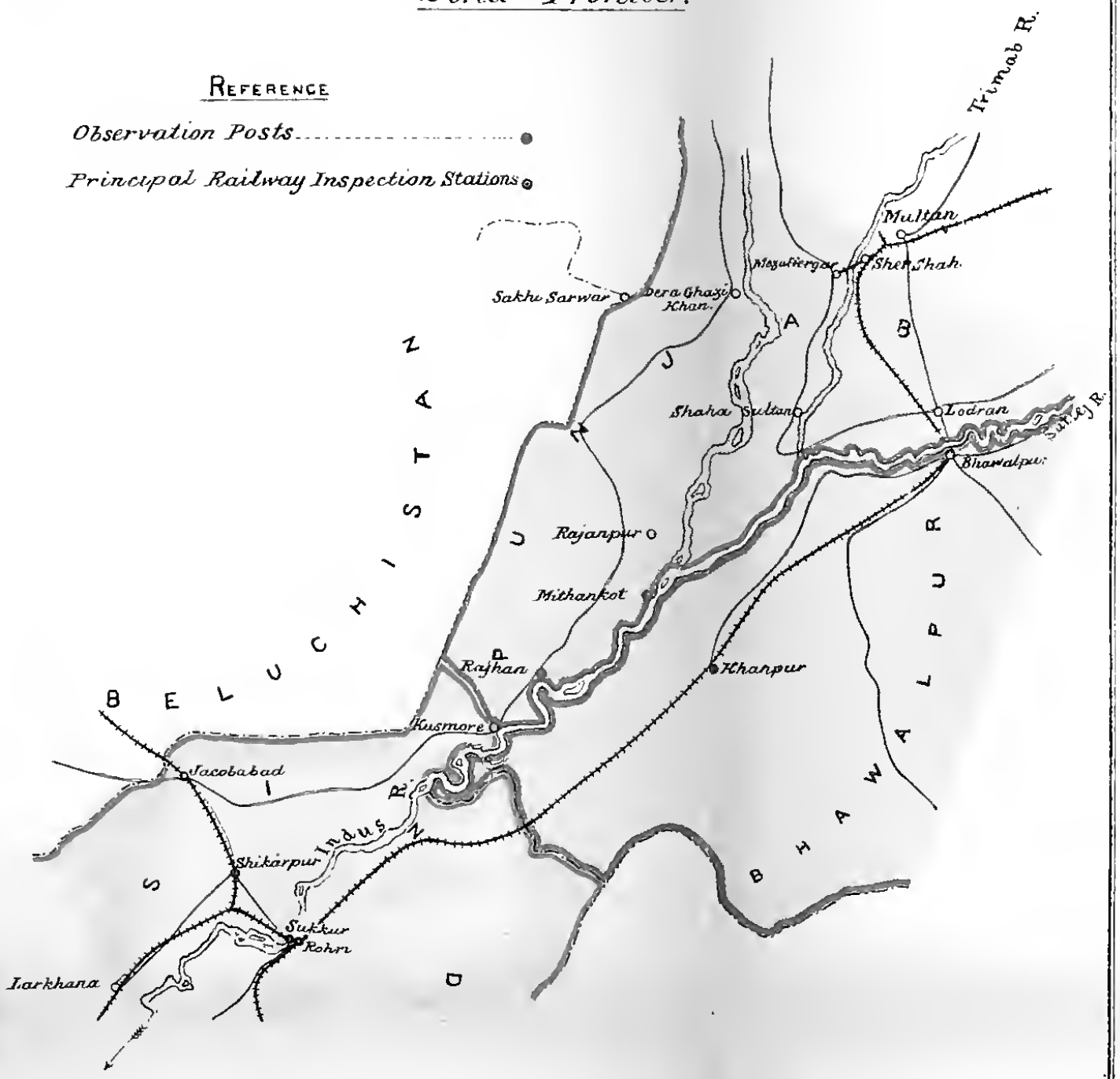
Reg. No. 594, Home.—Jan. 98.—1,000.

Photo., S. I. O., Calcutta.

No. 18.

№ 19

—Map Showing Observation Posts near the Panjab—
—Sind Frontier.—



MAP

of the

DAMAN FRONTIER

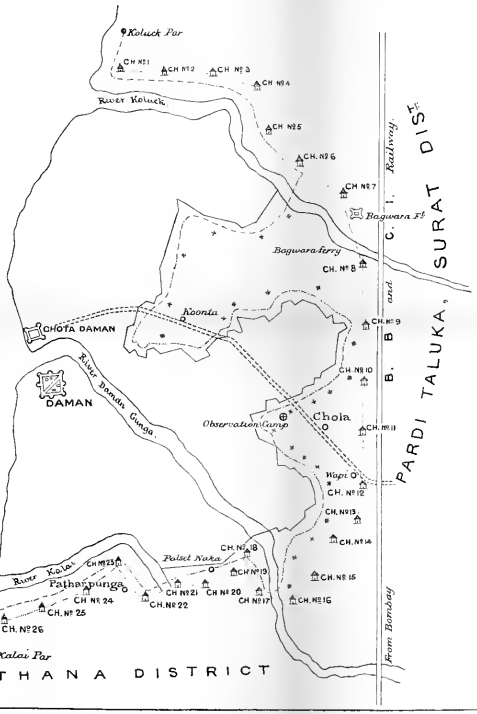
Scale

1 Inch = 1 Mile

Furlongs 8 4 0 2 3 Miles

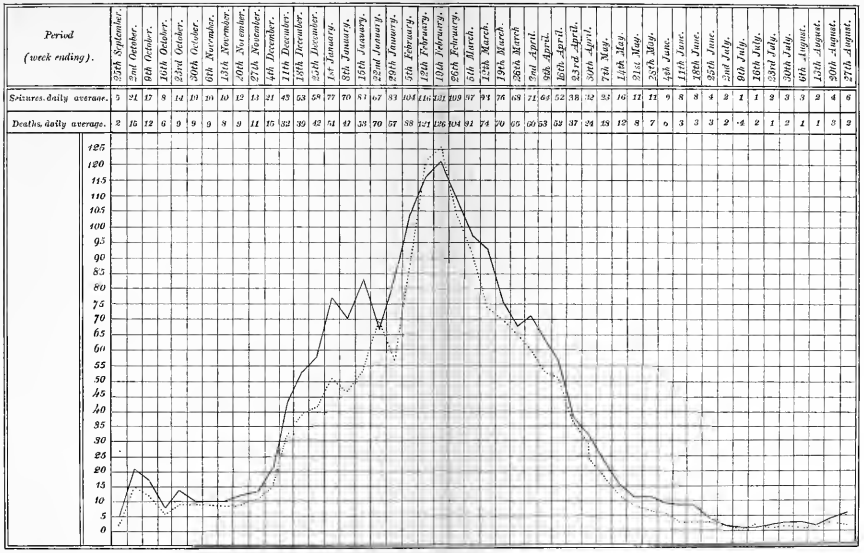
* * * * *Posts of the Plague Observation Guard.*

C.H. *Posts (Chowki) of the Salt Guard.*



No. 20.

Reported Seizures & Deaths in the City of Bombay.



The firm line indicates the average daily number of reported seizures during the weekly periods shown in the heading, and the dotted line indicates the average daily number of reported deaths during the same periods.

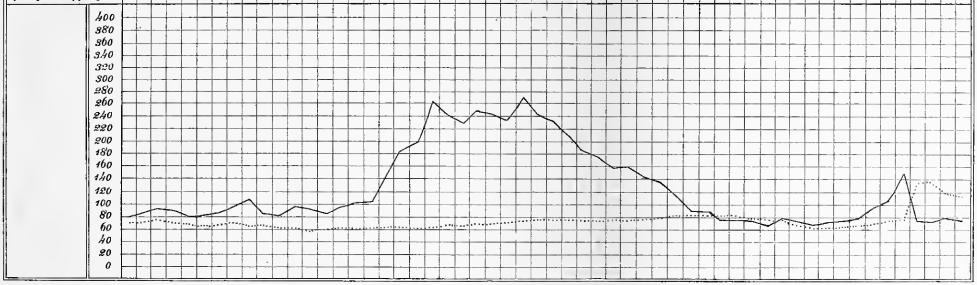
Rep. No 11, Home —Feb. 95 —1,600

Lths. S. I. C[illegible]ay

No. 21.

Comparison of the general mortality in the City of Bombay with the general mortality during the previous five years.

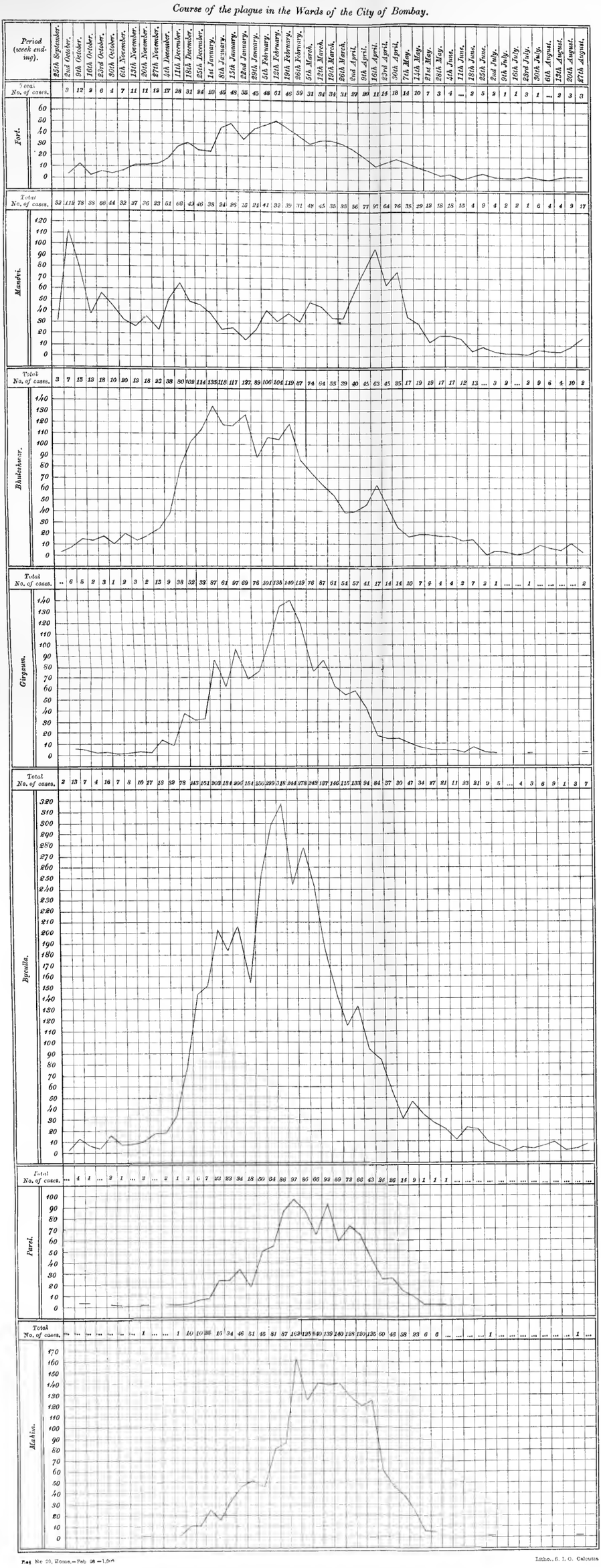
Period (week ending).	11th August.	18th August.	25th August.	1st September.	8th September.	15th September.	22nd September.	29th September.	6th October.	13th October.	20th October.	27th October.	3rd November.	10th November.	17th November.	24th November.	1st December.	8th December.	15th December.	22nd December.	29th December.	5th January.	12th January.	19th January.	26th January.	2nd February.	9th February.	16th February.	23rd February.	2nd March.	9th March.	16th March.	23rd March.	30th March.	6th April.	13th April.	20th April.	27th April.	4th May.	11th May.	18th May.	25th May.	1st June.	8th June.	15th June.	22nd June.	29th June.	6th July.	13th July.	20th July.	27th July.	3rd August.	10th August.	17th August.	24th August.	31st August.
Average daily mortality during 1896-97.	80	87	91	90	80	83	88	96	108	87	83	95	92	85	95	104	106	147	183	198	261	242	230	248	242	232	270	244	233	210	187	177	159	160	142	136	117	92	89	77	76	74	69	80	72	68	74	75	79	94	108	148	76	74	80	76
Average daily mortality during corresponding periods of the preceding five years.	72	72	77	73	71	65	68	70	65	67	64	63	59	60	62	60	62	62	64	63	64	68	65	68	70	71	74	78	74	75	74	72	73	74	75	78	84	85	82	81	82	79	74	74	69	63	63	67	66	71	74	78	133	135	119	111



Mortality in 1896-97 is shown by the firm black line. The average mortality during the preceding five years is shown by the dotted black line.

No. 22.

Course of the plague in the Wards of the City of Bombay.

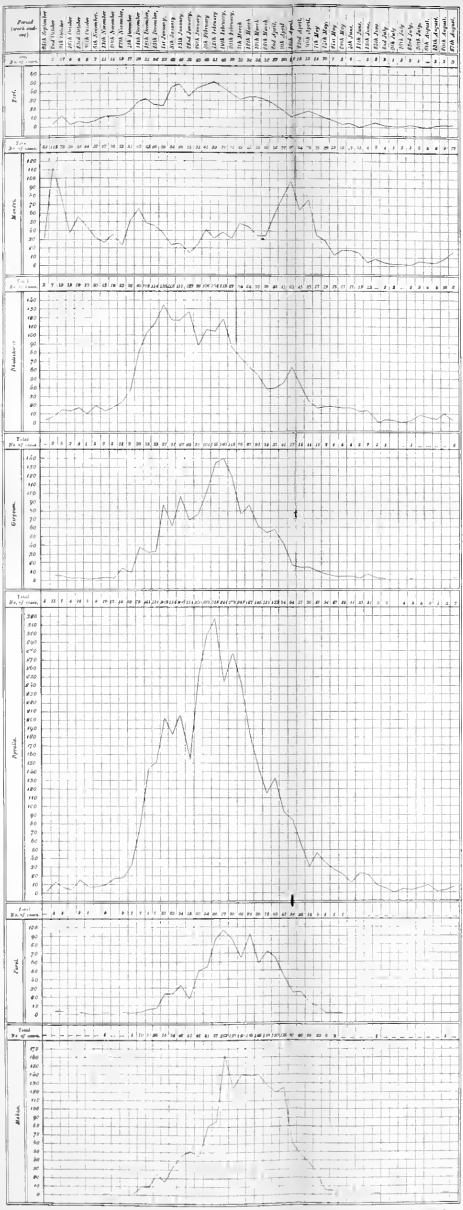


Reg. No. 20, Home.—Feb. 98.—1,000

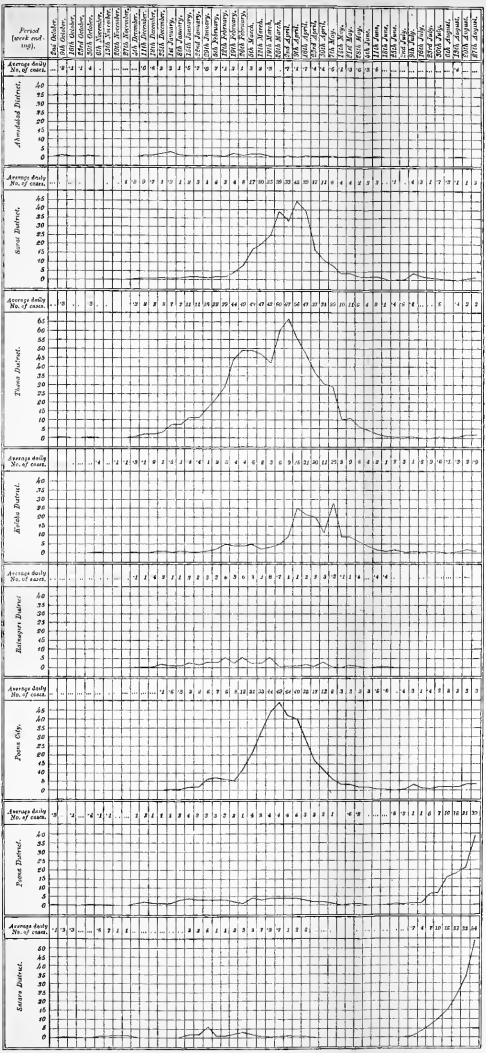
Litho., S. I. O. Calcutta

No. 23.

Course of the plague in the Wards of the City of Bombay.



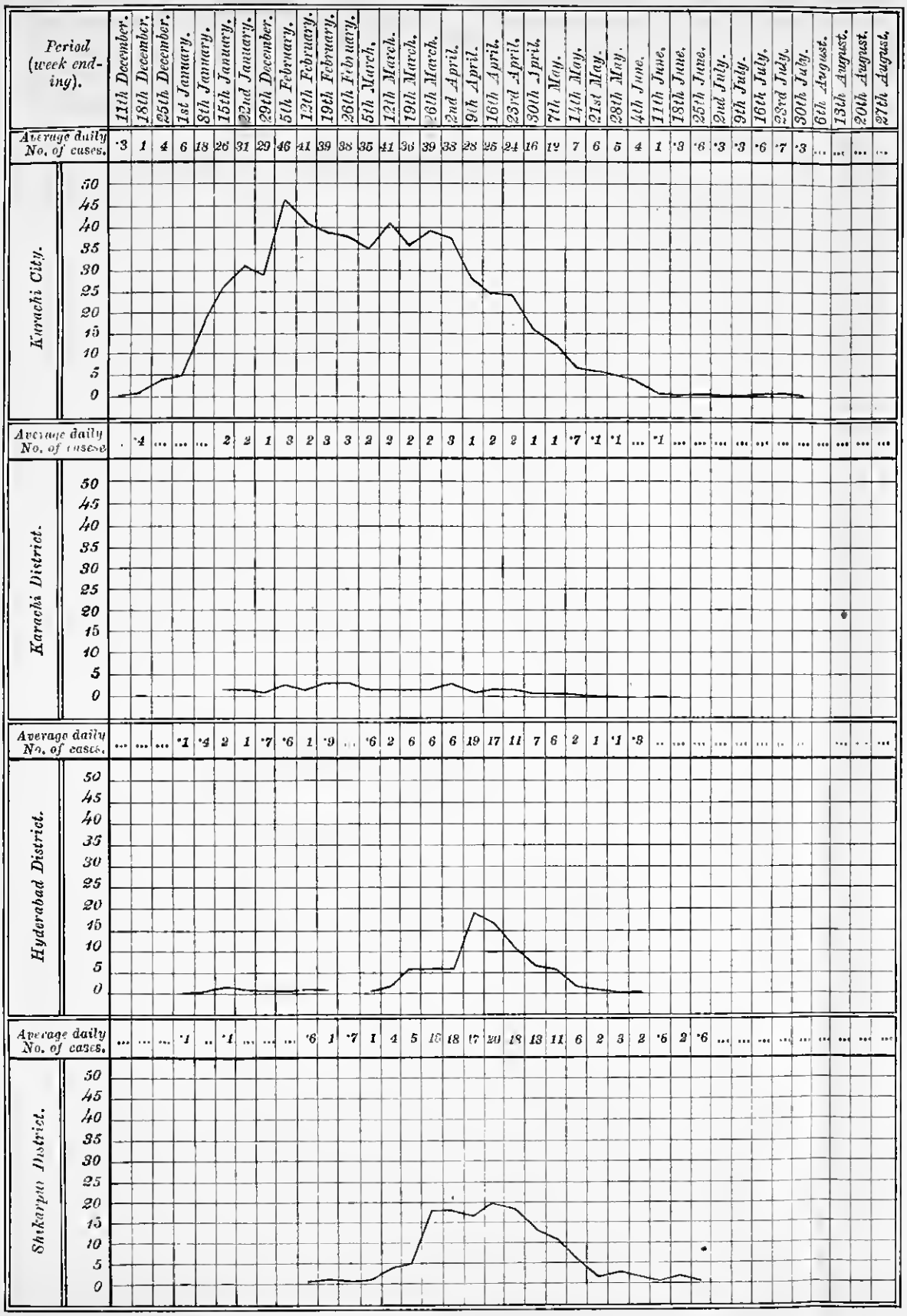
Course of the plague in different localities in the Bombay Presidency.



Reg. No. 19 Urban - Pub. 60 = 1 000

Litho. S. I. O. Calcutta

Course of the plague in different localities in Sind.

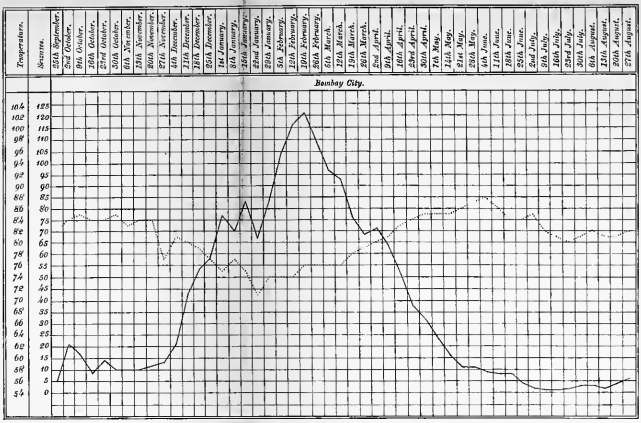


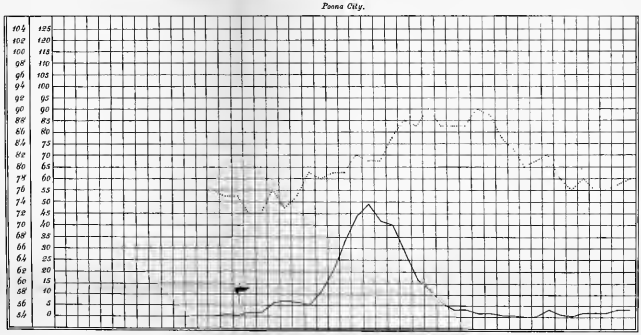
Reg. No. 11, Home—Feb. 96.—1,000.

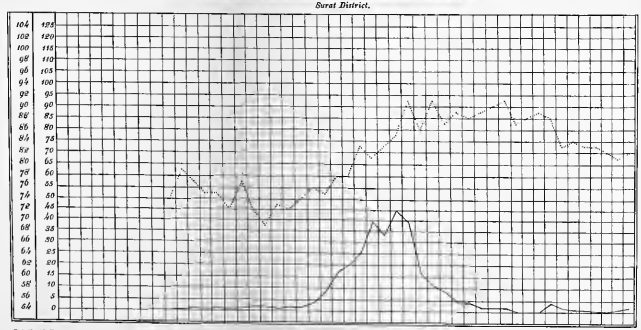
Litho., S. I. O. Calcutta.

No. 25.

Course of the plague compared with variation in temperature (Bombay Presidency).



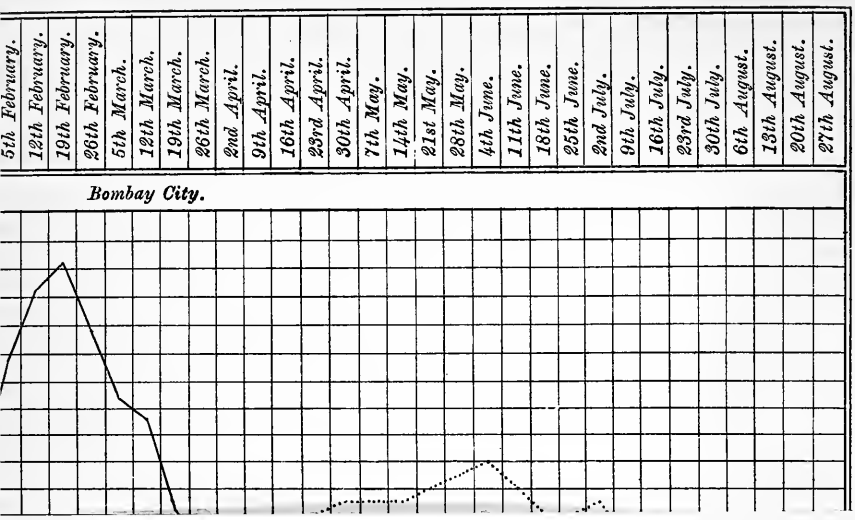




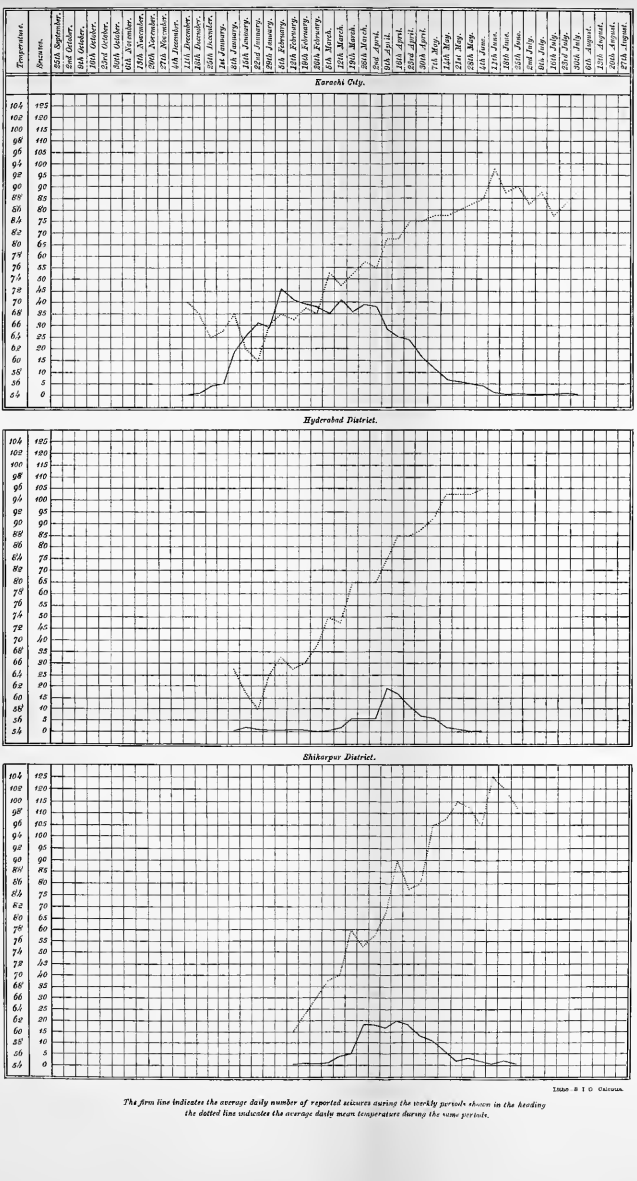
Reg. No. 13, Hume.—Feb. 95.—1,000

The firm line indicates the average daily number of reported seizures during the weekly periods shown in the heading; the dotted line indicates the average daily mean temperature during the same periods.

with variation in temperature (Bombay Presidency).



Course of the plague compared with variation in temperature (Sind).



Litho. S. I. G. Calcutta.

The firm line indicates the average daily number of reported seizures during the weekly periods shown in the heading the dotted line indicates the average daily mean temperature during the same periods.

o. 26.